

REMARKS

Claims 1-36 and 39-41 are pending in this application.

By this amendment, Applicants have amended claims 1, 21, 23-25, 39 and 40, and have canceled claims 19 and 22.

Reconsideration of the above-identified application in view of the foregoing amendments and the following remarks is respectfully requested.

Rejections Under 35 U.S.C. § 112, ¶2:

In the Office Action, claims 21-24 and 25-36 were rejected under 35 U.S.C. § 112, ¶2 as allegedly being incomplete for omitting essential elements. In particular, the Office Action asserts that:

“Regarding claim 21, the omitted element is: the transmission channel used for transmitting the service in the last step. There are two different channels being used for data transmission; therefore, a transmission channel must be specified for each transmission. Claims that are not specifically addressed are rejected by virtue of their dependency.”

“Regarding claim 25, the omitted step is: receiving the service over a unidirectional channel, wherein the service is encrypted with encryption information corresponding to the second decryption information. Without this receiving step, service cannot be decrypted using the second decryption information. Claims that are not specifically addressed are rejected by virtue of their dependency.”

(Office Action, ¶¶ 7, 8)

Applicants have amended claims 21 and 25 to recite “transmitting the service ... over the unidirectional channel” and “receiving the service over the unidirectional channel, wherein the service is encrypted with encryption information corresponding to the second decryption information”, respectively. Accordingly, Applicants respectfully request that the foregoing rejections be withdrawn.

Rejections Under 35 U.S.C. §102:

In the Office Action, claim 39 was rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,510,515 to Raith ("Raith"). In that regard, the Office Action provided: "Since claim 39 does not have any limitation regarding transmitting the first decryption information, Raith (6,510,515) anticipates the claim." (Office Action, ¶5) Applicants have amended claim 39 to recite "transmitting first decryption information over a bidirectional channel for reception by the requestor". Applicants respectfully submit that this feature of claim 39, as amended, is neither taught nor suggested by Raith. Accordingly, Applicants respectfully submit that amended claim 39 is not anticipated by Raith, and thus, request that the rejection be withdrawn.

Rejections Under 35 U.S.C. §103:

In the Office Action, claims 1-8, 11, 13-27, 29-36 and 39-41 were rejected under 35 U.S.C. §103 as being unpatentable over U.S. Patent No. 4,484,027 to Lee et al. ("Lee") in view of U.S. Patent No. 6,516,412 to Wasilewski et al. ("Wasilewski"). Claim 9 was rejected under §103 as being unpatentable over Lee and Wasilewski in view of U.S. Patent No. 6,748,082 to Vieweg. Claim 10 was rejected under §103 as being unpatentable over Lee and Wasilewski in view of U.S. Patent No. 6,925,562 to Gulcu et al. Lastly, claims 12 and 28 were rejected under §103 as being unpatentable over Lee and Wasilewski in view of Raith. Claims 1, 21, 25, 39 and 40 are independent.

Applicants have amended claim 1 to recite "encrypting the second decryption information with the encryption information corresponding to the first decryption information". Applicants respectfully submit that this feature is neither taught nor suggested by Lee. For example, in Lee, "the new random number for the next period" (which the Office Action equates

with the claimed “second decryption information”) is encrypted with “a monthly key” (which the Office Action equates with the claimed “first decryption information”), rather than with “encryption information corresponding to the first decryption information”, as required by amended claim 1. (See Office Action, ¶12, pp. 5-6)

Additionally, Wasilewski fails to teach or suggest the foregoing feature of amended claim 1, and thus, fails to cure the deficiencies of Lee.

Accordingly, for at least the foregoing reasons, Applicants respectfully submit that claim 1 is patentable over the combination of Lee and Wasilewski.

Claims 21, 25, 39 and 40, as amended, contain features similar to those found in amended claim 1, and thus, are allowable for at least the same reasons as set forth above in urging the allowance of claim 1.

Dependent Claims:

Applicants do not believe it necessary at this time to address the rejections of the dependent claims as Applicants believe that the foregoing places the independent claims in condition for allowance. Applicants, however, reserve the right to address those rejections in the future should such a response be deemed necessary and appropriate.

CONCLUSION

Applicants respectfully submit that this Application is in condition for allowance for which action is earnestly solicited.

If a telephone conference would facilitate prosecution of this Application in any way, the Examiner is invited to contact the undersigned at the number provided.

AUTHORIZATION

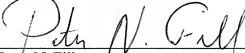
The Commissioner is hereby authorized to charge any additional fees which may be required by this response, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4208-4027.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. 13-4500, Order No. 4208-4027.

Respectfully submitted,
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Dated: July 23, 2007

By: _____


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